



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: RIVERSIDE
Name:
ClientProj:

Site Addr: BIG WOLF FLOWLINE

GTA ProjNo: 102119-3

Sampled By: NJ/ECT

Date Rec: 10/21/2019

Time Rec: 4:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	FL @ 18'	10/21/2019		SOIL
2	NORTH @ 10'	10/21/2019		SOIL
3	NORTH @ 7'	10/21/2019		SOIL
4	EAST @ 10'	10/21/2019		SOIL
5	WEST @ 7'	10/21/2019		SOIL

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

Kirk L Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

COMPANY: RIVERSIDE
PROJECT NO:
LOCATION: BIG WOLF FLOWLINE

MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 102119-3
GTA SAMPLE NO: 1
DATE SAMPLED: 10/21/2019
TIME SAMPLED:
DATE RECEIVED: 10/21/2019
TIME RECEIVED: 4:30 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: FL @ 18'						
	CHLORIDE EPA 300.0	11,000	46	mg/Kg (PPM)	KC	10/22/2019	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: RIVERSIDE
PROJECT NO:
LOCATION: BIG WOLF FLOWLINE

GTA PROJECT NO: 102119-3
GTA SAMPLE NO: 2

DATE SAMPLED: 10/21/2019
TIME SAMPLED:
DATE RECEIVED: 10/21/2019
TIME RECEIVED: 4:30 PM

SAMPLED BY: MI
NJ/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: NORTH @ 10'
CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
5,300	51	mg/Kg (PPM)	KC	10/22/2019	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: RIVERSIDE
PROJECT NO:
LOCATION: BIG WOLF FLOWLINE

MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 102119-3
GTA SAMPLE NO: 3
DATE SAMPLED: 10/21/2019
TIME SAMPLED:
DATE RECEIVED: 10/21/2019
TIME RECEIVED: 4:30 PM

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: NORTH @ 7'
CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
ND	50	mg/Kg (PPM)	KC	10/22/2019	SOIL

ND = NOT DETECTED, RESULT < LOD
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s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: RIVERSIDE
PROJECT NO:
LOCATION: BIG WOLF FLOWLINE

MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 102119-3
GTA SAMPLE NO: 4
DATE SAMPLED: 10/21/2019
TIME SAMPLED:
DATE RECEIVED: 10/21/2019
TIME RECEIVED: 4:30 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: EAST @ 10'						
	CHLORIDE EPA 300.0	7,700	55	mg/Kg (PPM)	KC	10/22/2019	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: RIVERSIDE
PROJECT NO:
LOCATION: BIG WOLF FLOWLINE

MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 102119-3
GTA SAMPLE NO: 5
DATE SAMPLED: 10/21/2019
TIME SAMPLED:
DATE RECEIVED: 10/21/2019
TIME RECEIVED: 4:30 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: WEST @ 7'						
	CHLORIDE EPA 300.0	1,900	46	mg/Kg (PPM)	KC	10/22/2019	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: RIVERSIDE

GTA PROJECT NO: 102119-3

NAME:
PROJECT NO:

SAMPLED BY: NJ/ECT

DATE SAMPLED: 10/21/2019

TIME SAMPLED:

LOCATION: BIG WOLF FLOWLINE

SAMPLE MATRIX: SOIL

DATE RECEIVED: 10/21/2019

TIME RECEIVED: 4:30 PM

MI

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>
	SAMPLE ID: FL @ 18'					
	% MOISTURE EPA 3550C	4.7	0.050	% OF SAMPLE	AS	10/22/2019
	SAMPLE ID: NORTH @ 10'					
	% MOISTURE EPA 3550C	4.7	0.050	% OF SAMPLE	AS	10/22/2019
	SAMPLE ID: NORTH @ 7'					
	% MOISTURE EPA 3550C	4.7	0.050	% OF SAMPLE	AS	10/22/2019
	SAMPLE ID: EAST @ 10'					
	% MOISTURE EPA 3550C	3.7	0.050	% OF SAMPLE	AS	10/22/2019
	SAMPLE ID: WEST @ 7'					
	% MOISTURE EPA 3550C	7.3	0.050	% OF SAMPLE	AS	10/22/2019

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS <i>Big Wolf Flowline</i>	COMPANY/NAME <i>Riverside</i>
SAMPLED BY <i>NT</i>	COMPANY <i>ECT</i>	GTA PROJECT # <i>102119-3</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	<i>F1 @ 18'</i>	<i>10-21-19</i>		<i>Soil</i>	<i>CL</i>
2	<i>North 10'</i>	<i>↓</i>		<i>↓</i>	<i>↓</i>
3	<i>North @ 7'</i>				
4	<i>East @ 10'</i>				
5	<i>West @ 7'</i>			<i>↓</i>	<i>↓</i>

BILL TO:

ECT

REPORT TO:

Lisa

RELEASED BY <i>[Signature]</i>	DATE/TIME <i>10-21-19</i>	RECEIVED BY <i>K. Allen</i>	DATE/TIME <i>10/21/19 4:30p</i>

REQUESTED TAT ☐ STANDARD ☒ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS